

SEQUENCE LISTING

<110> KOJIMA, SHIN-ICHI
 ASAKURA, AKIRA
 FUTATSUGI, TETSUAKI
 OTA, YUKO
 FUKUDA, YUKI
 SAGARA, SHINSUKE

<120> NOVEL INTERFERON-ALPHA

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<140> 09/889,035

<141> 2001-07-11

<150> JP 11-5138

<151> 1999-01-12

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<213> Homo sapiens

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aaa tcc atc tgt tct cta ggc tgt gat ctg cct cag acc cac agc ctg	96
Lys Ser Ile Cys Ser Leu Gly Cys Asp Leu Pro Gln Thr His Ser Leu	
20 25 30	
ggt aat agg agg gcc ttg ata ctc ctg gca caa atg gga aga atc tct	144
Gly Asn Arg Arg Ala Leu Ile Leu Leu Ala Gln Met Gly Arg Ile Ser	
35 40 45	
cct ttc tcc tgc ctg aag gac aga cat gat ttc cga atc ccc cag gag	192
Pro Phe Ser Cys Leu Lys Asp Arg His Asp Phe Arg Ile Pro Gln Glu	
50 55 60	
gag ttt gat ggc aac cag ttc cag aag gct caa gcc atc tct gtc ctc	240
Glu Phe Asp Gly Asn Gln Phe Gln Lys Ala Gln Ala Ile Ser Val Leu	
65 70 75 80	
cat gag atg atc cag cag acc ttc aat ctc ttc agc aca gag gac tca	288
His Glu Met Ile Gln Gln Thr Phe Asn Leu Phe Ser Thr Glu Asp Ser	
85 90 95	
tct gct gct tgg gaa cag agc ctc cta gaa aaa ttt tcc act gaa ctt	336
Ser Ala Ala Trp Glu Gln Ser Leu Leu Glu Lys Phe Ser Thr Glu Leu	
100 105 110	

tac cag caa ctg aat gac ctg gaa gca tgt gtg ata cag gag gtt ggg Tyr Gln Gln Leu Asn Asp Leu Glu Ala Cys Val Ile Gln Glu Val Gly 115 120 125	384
gtg gaa gag act ccc ctg atg aat gag gac tcc atc ctg gct gtg agg Val Glu Glu Thr Pro Leu Met Asn Glu Asp Ser Ile Leu Ala Val Arg 130 135 140	432
aaa tac ttc caa aga atc act ctt tat cta ata gag agg aaa tac agc Lys Tyr Phe Gln Arg Ile Thr Leu Tyr Leu Ile Glu Arg Lys Tyr Ser 145 150 155 160	480
cct tgt gcc tgg gag gtt gtc aga gca gaa atc atg aga tcc ctc tcg Pro Cys Ala Trp Glu Val Val Arg Ala Glu Ile Met Arg Ser Leu Ser 165 170 175	528
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aga cat gat ttc cga atc ccc cag gag gag ttt gat ggc aac cag ttc Arg His Asp Phe Arg Ile Pro Gln Glu Glu Phe Asp Gly Asn Gln Phe 35 40 45	144
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ttc aat ctc ttc agc aca gag gac tca tct gct gct tgg gaa cag agc Phe Asn Leu Phe Ser Thr Glu Asp Ser Ser Ala Ala Trp Glu Gln Ser 65 70 75 80	240
ctc cta gaa aaa ttt tcc act gaa ctt tac cag caa ctg aat gac ctg Leu Leu Glu Lys Phe Ser Thr Glu Leu Tyr Gln Gln Leu Asn Asp Leu 85 90 95	288
gaa gca tgt gtg ata cag gag gtt ggg gtg gaa gag act ccc ctg atg Glu Ala Cys Val Ile Gln Glu Val Gly Val Glu Glu Thr Pro Leu Met 100 105 110	336
aat gag gac tcc atc ctg gct gtg agg aaa tac ttc caa aga atc act Asn Glu Asp Ser Ile Leu Ala Val Arg Lys Tyr Phe Gln Arg Ile Thr 115 120 125	384

ctt tat cta ata gag agg aaa tac agc cct tgt gcc tgg gag gtt gtc 432
 Leu Tyr Leu Ile Glu Arg Lys Tyr Ser Pro Cys Ala Trp Glu Val Val
 130 135 140

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 35 40 45
 Pro Phe Ser Cys Leu Lys Asp Arg His Asp Phe Arg Ile Pro Gln Glu
 50 55 60
 Glu Phe Asp Gly Asn Gln Phe Gln Lys Ala Gln Ala Ile Ser Val Leu
 65 70 75 80
 His Glu Met Ile Gln Gln Thr Phe Asn Leu Phe Ser Thr Glu Asp Ser
 85 90 95
 Ser Ala Ala Trp Glu Gln Ser Leu Leu Glu Lys Phe Ser Thr Glu Leu
 100 105 110
 Tyr Gln Gln Leu Asn Asp Leu Glu Ala Cys Val Ile Gln Glu Val Gly
 115 120 125
 Val Glu Glu Thr Pro Leu Met Asn Glu Asp Ser Ile Leu Ala Val Arg
 130 135 140
 Lys Tyr Phe Gln Arg Ile Thr Leu Tyr Leu Ile Glu Arg Lys Tyr Ser
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 35 40 45
 Gln Lys Ala Gln Ala Ile Ser Val Leu His Glu Met Ile Gln Gln Thr
 50 55 60
 Phe Asn Leu Phe Ser Thr Glu Asp Ser Ser Ala Ala Trp Glu Gln Ser
 65 70 75 80
 Leu Leu Glu Lys Phe Ser Thr Glu Leu Tyr Gln Gln Leu Asn Asp Leu
 85 90 95
 Glu Ala Cys Val Ile Gln Glu Val Gly Val Glu Glu Thr Pro Leu Met
 100 105 110
 Asn Glu Asp Ser Ile Leu Ala Val Arg Lys Tyr Phe Gln Arg Ile Thr
 115 120 125
 Leu Tyr Leu Ile Glu Arg Lys Tyr Ser Pro Cys Ala Trp Glu Val Val
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Arg His Asp Phe Xaa Ile Pro Gln
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<212> DNA

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